

TITLE OF INVENTION

Robert Bruce Belford
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title-Bedford Quilting Rack

5/10 Sub N/R
Spec Arrng
RECEIVED
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GROUP 3600

CROSS - REFERENCE TO RELATED APPLICATIONS

“ Not Applicable ”

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

“ Not Applicable ”

REFERENCE TO SEQUENCE LISTING, A TABLE, OR COMPUTER PROGRAM LISTING COMPACT DISC APPENDIX

“ Not Applicable ”

BACKGROUND OF THE INVENTION

This invention is a device that holds cloth material in a frame in a taunt position for the quilting process or needle point.

Prior quilting frames are difficult and time consuming to set up.

We can use some improvement in this area, And I believe my invention will solve those problems.

BRIEF SUMMARY OF THE INVENTION

The reason for invention was, to simplify the way to hold a quilt in a square quilting rack, it also holds the quilt better, and it is quicker and easier to load the quilt in quilting rack.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

Fig. No. (1) Assembly view of quilting rack and stand.

Fig. No. (2) Top assembly view of quilting rack and clamp frame.

Fig. No. (3) A blown up view of section A-A, to show mechanics of quilt frame,
from Fig. No. (2).

Fig. No. (4) A blown up view of section B-B to show mechanics of quilt frame,
from Fig. No. (2).

Fig. No. (5) Detail drawing of (1) section of (4) to make quilting rack clamp.

Fig. No. (6) Detail drawing of clamp bar.

Fig. No. (7) Detail drawing of (1) section of (4) to make quilting rack frame.

Fig. No. (8) Detail drawing of quilting rack frame support.

Fig. No. (9) Detail drawing of frame support arm.

Fig. No.(10) Detail drawing of frame support arm base.

Fig. No.(11) Detail drawing of frame post swivel retainer.

Fig.No.(12) Detail drawing of frame post swivel

Fig .No.(13) Detail drawing of frame post.

Fig. NO.(14) Detail drawing of frame base.

Fig. No.(15) Detail drawing of frame legs.

Fig. No.(16) Detail drawing of clamp frame stops.

CLAIM OR CLAIMS

1. What i claim as my invention is.

(a) It is the first rectangular frame to hold a quilt in place with spring loaded clamping bars.

(b) The bars are on the inside of all four sides of clamp frame, as shown on sheet No. (2) Fig. 6 and sheet No. (3) section A-A Fig 3.

(c) When a quilt is laid on quilting rack frame, the clamp frame is pressed by hand over the quilting rack frame, causing the bars to retract and keep pressure on the material holding it taught for the quilting process, or needle point.

2. I claim that it is the first quilting frame to be held on a stand that will adjust for height, tilt to any angle and swivel 360 degrees, as shown on sheet No. (1) Fig. No. (1) A, B, C, of the drawings.

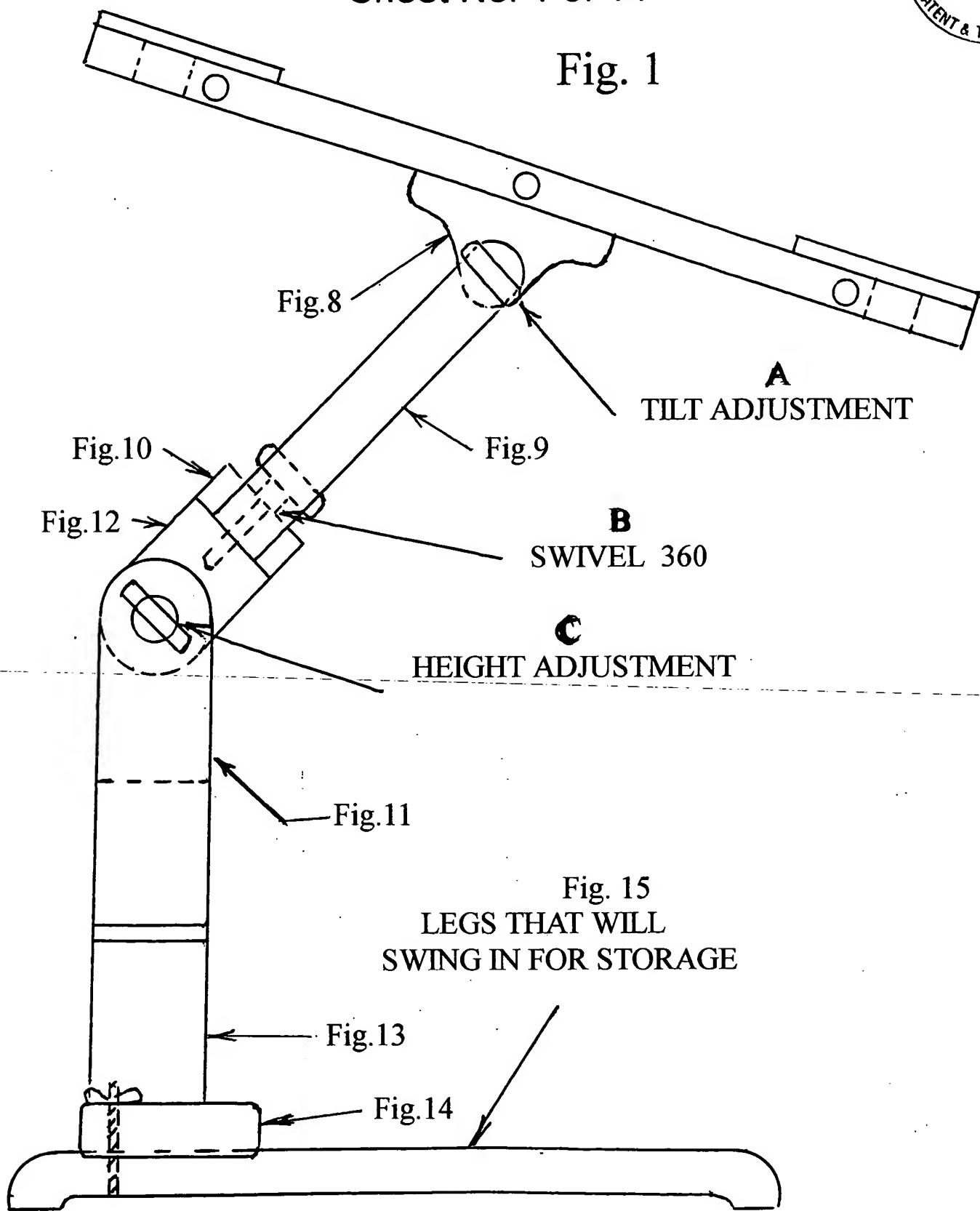
(a) The frame legs will also swing in for easy storage, as shown on sheet No. (1) Fig. No. (15) of the drawings.

Proposed drawing
corrections

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Fig. 1



Assembly view of Quilting
rack and stand

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Fig. 2

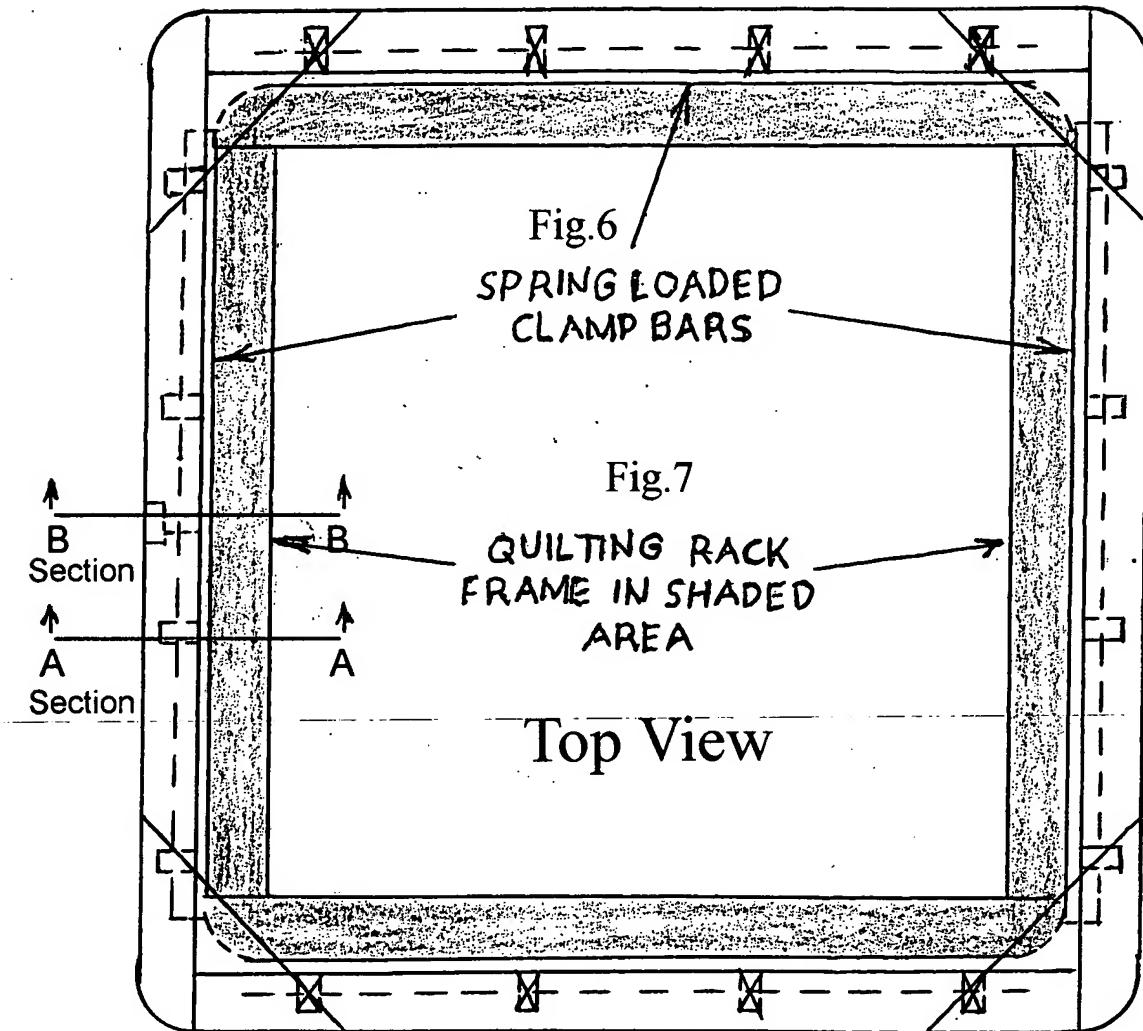


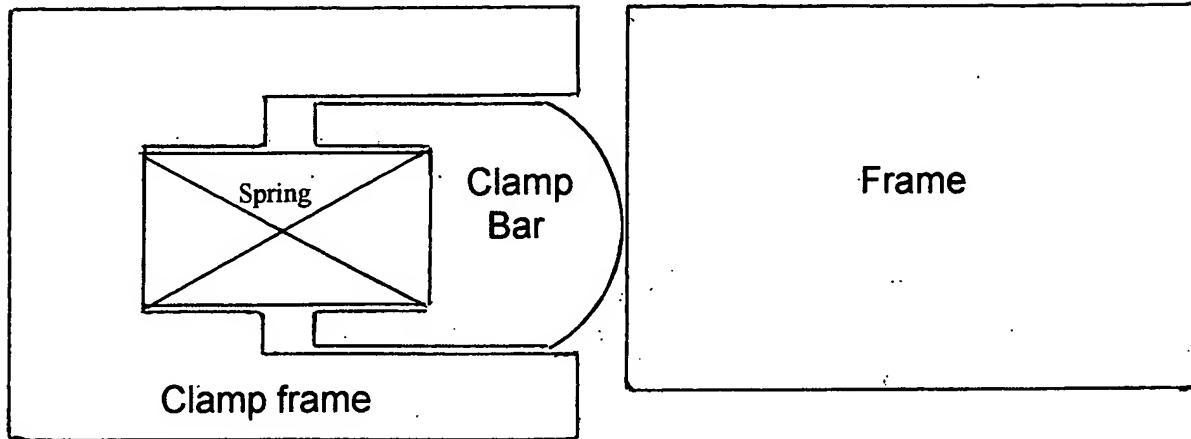
Fig. 5

QUILTING RACK
CLAMP FRAME

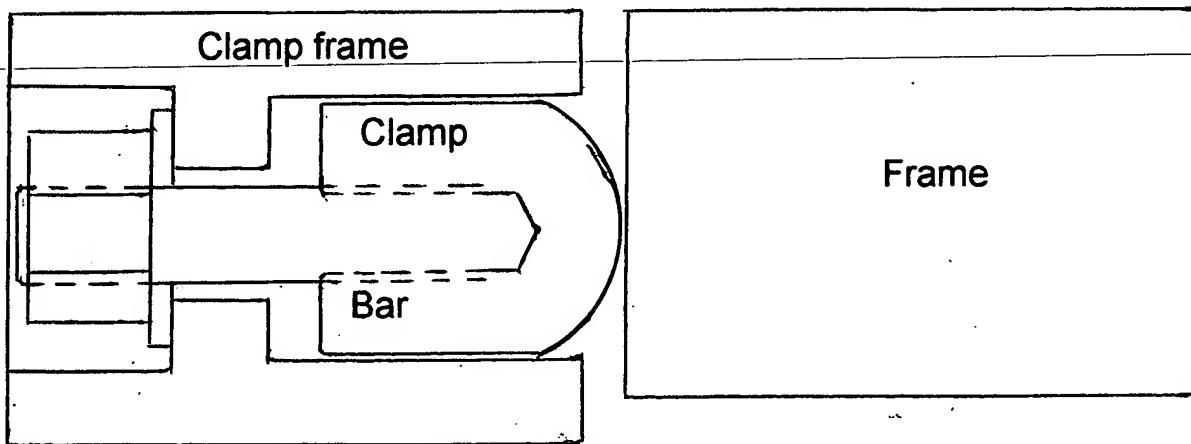
Assembly view of Quilting rack
frame and clamp frame

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Section A-A
Fig. 3



Section B-B
Fig. 4

Section view of A-A and B-B of
clamp frame, clamp bar and frame
from drawing sheet No. (2)

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Fig.5

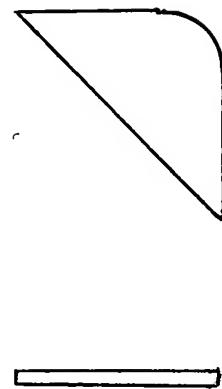
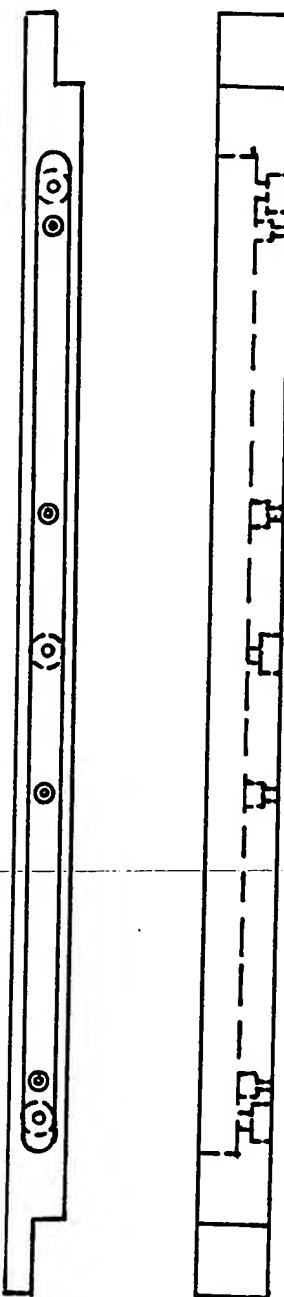


Fig 16



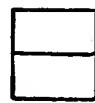
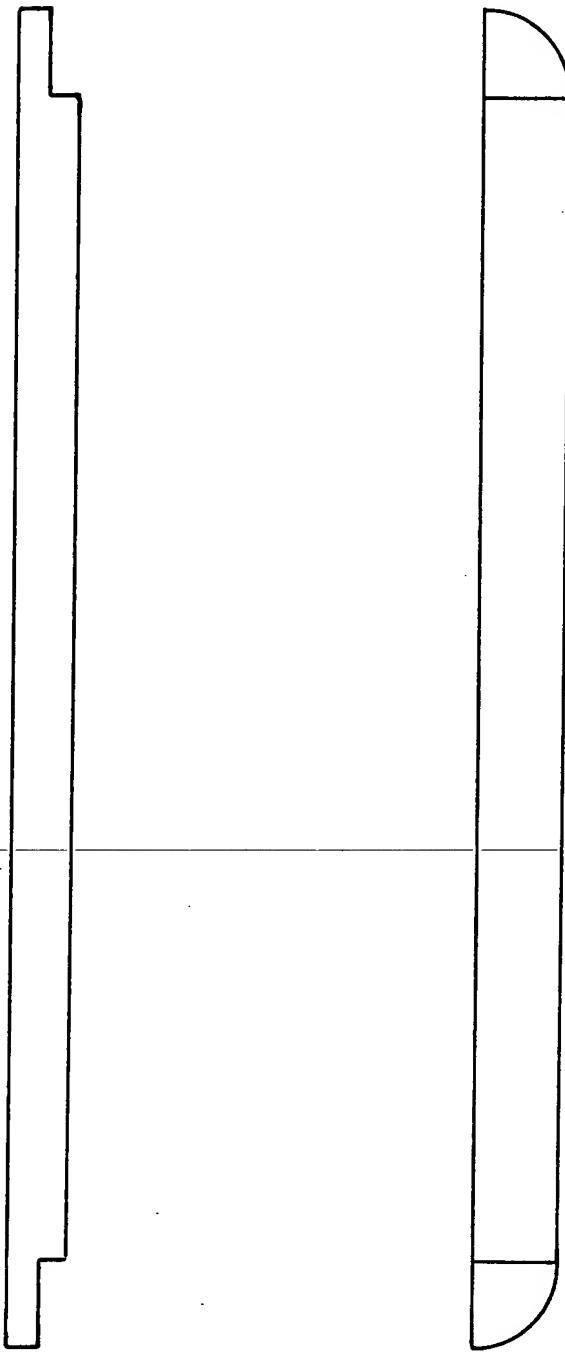
Detail drawings of (1) section of (4)
to make Quilting rack clamp frame

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Fig.7



Detail drawing of (1) section of (4)
to make Quilting rack frame

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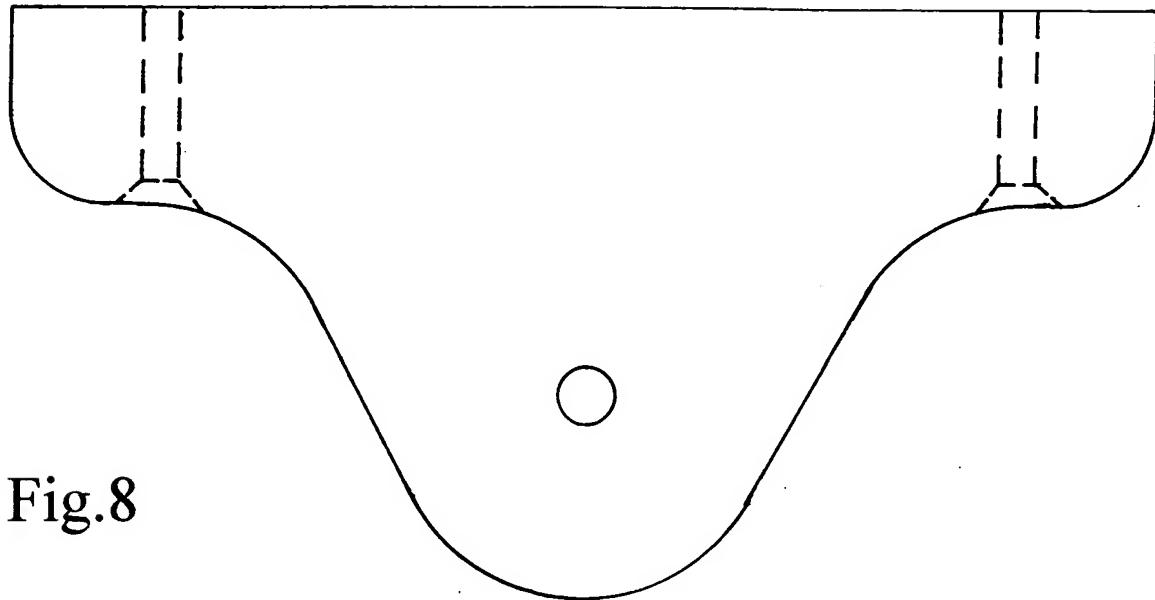
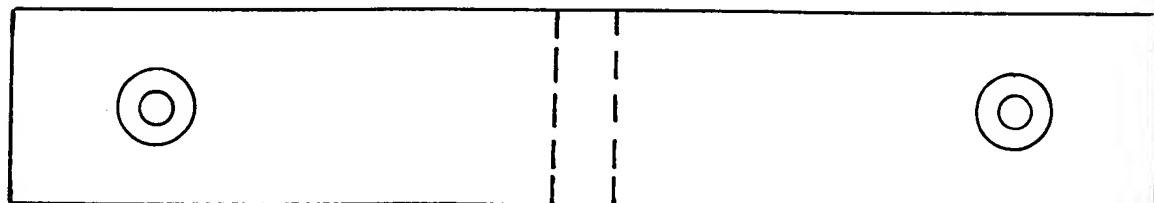


Fig.8



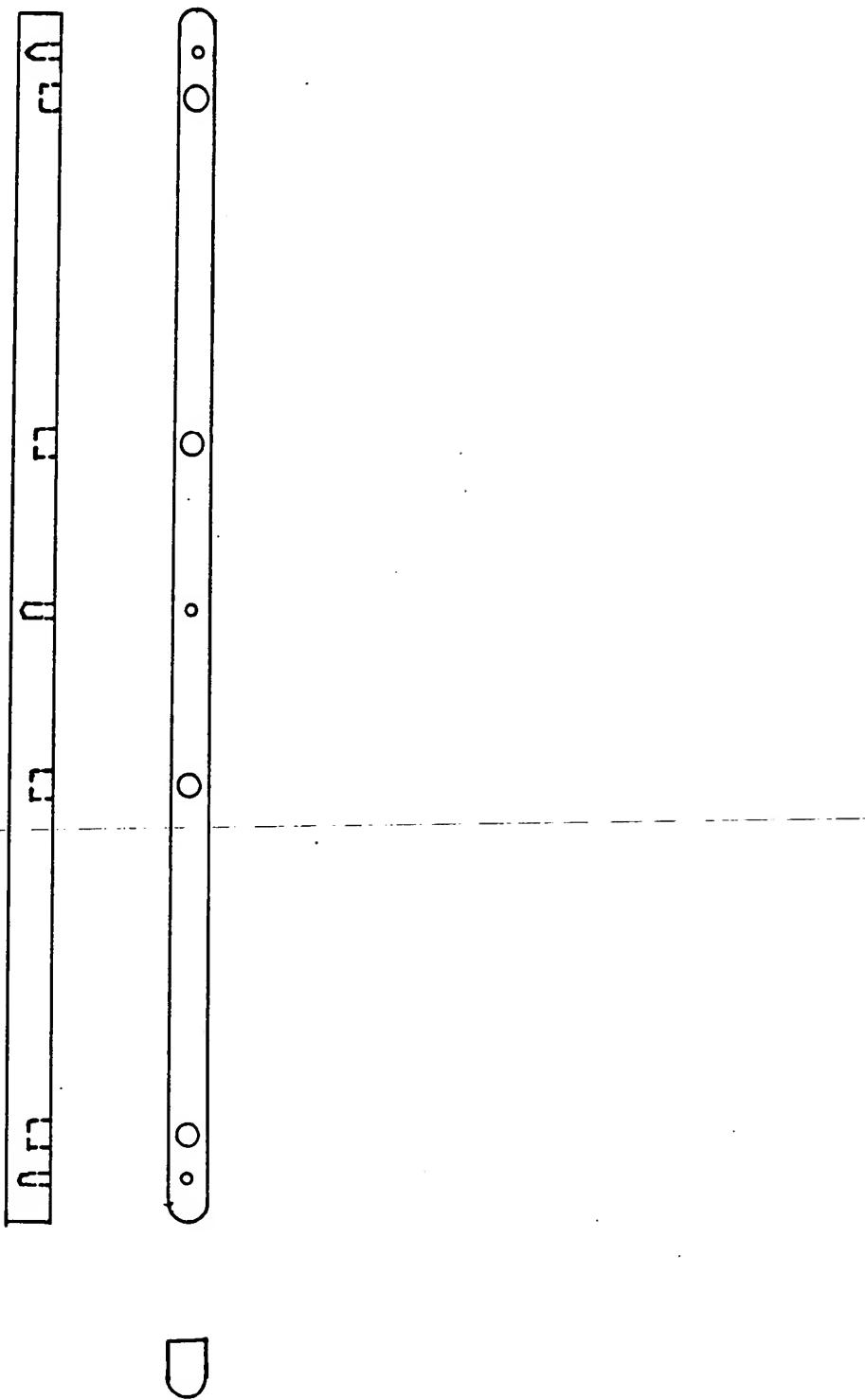
Detail drawing of quilting
rack fram support

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Fig.6



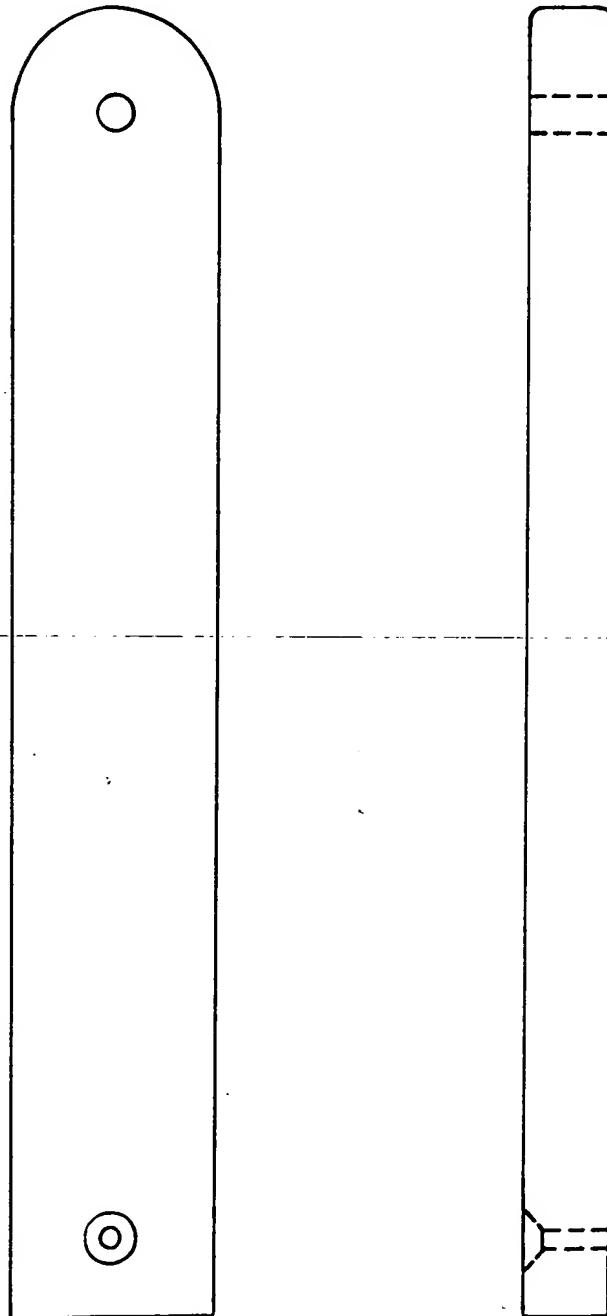
**D tall drawing
f clamp bar**

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corrections

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Fig.9



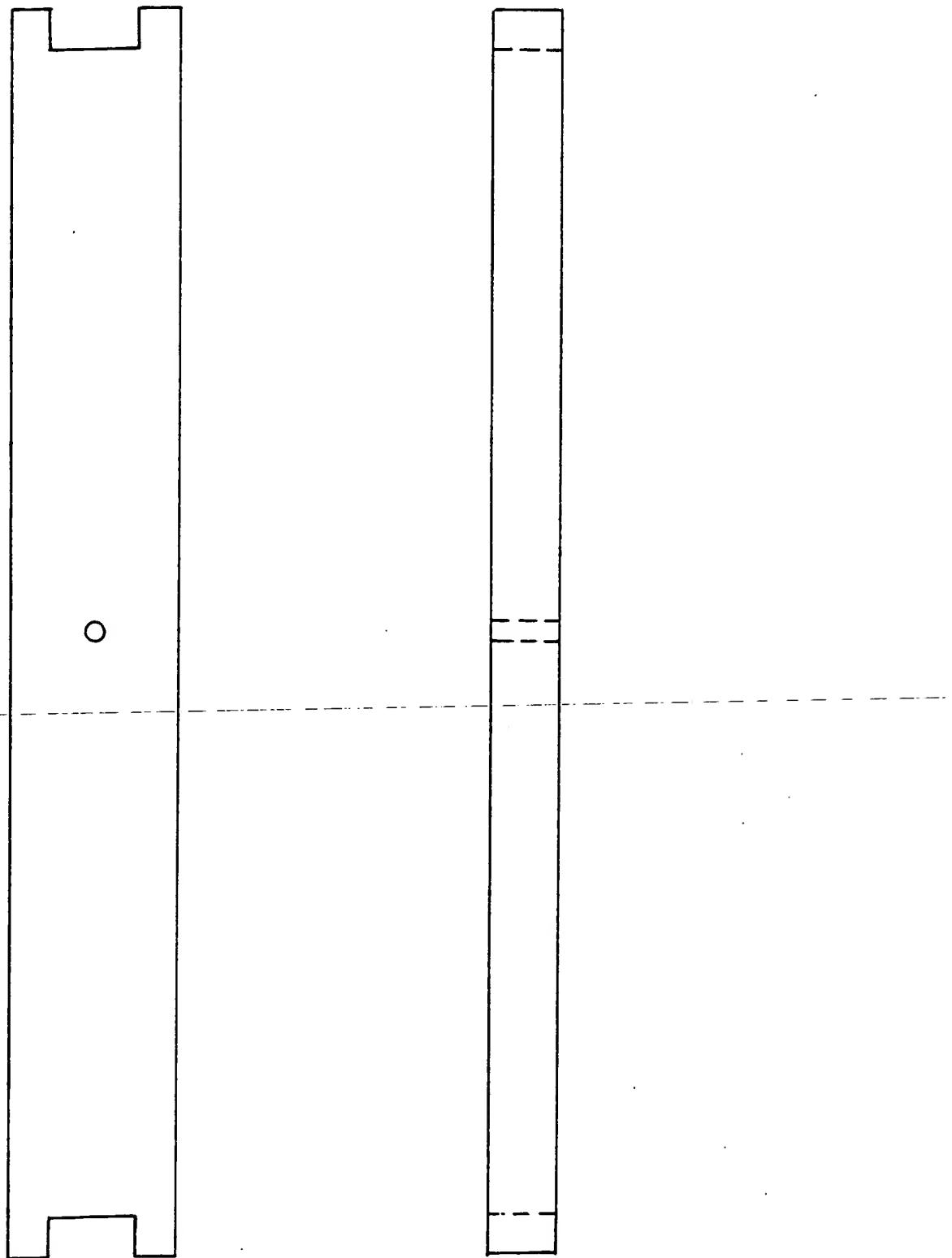
Detail drawing of
frame support arm

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corrections

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Fig.10



**D tall drawing f frame
support arm bas**

Proposed drawing
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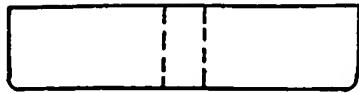
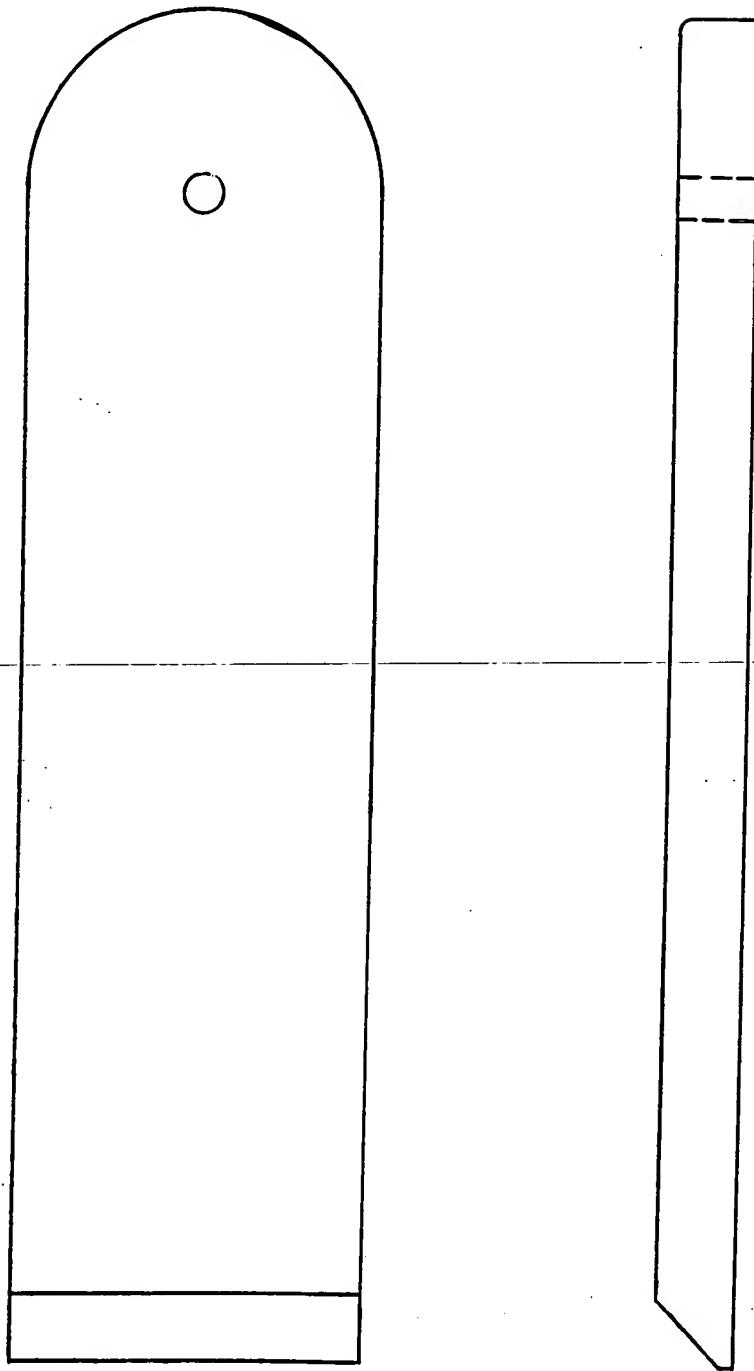


Fig.11



Detail drawing of fram
post swivel retain r

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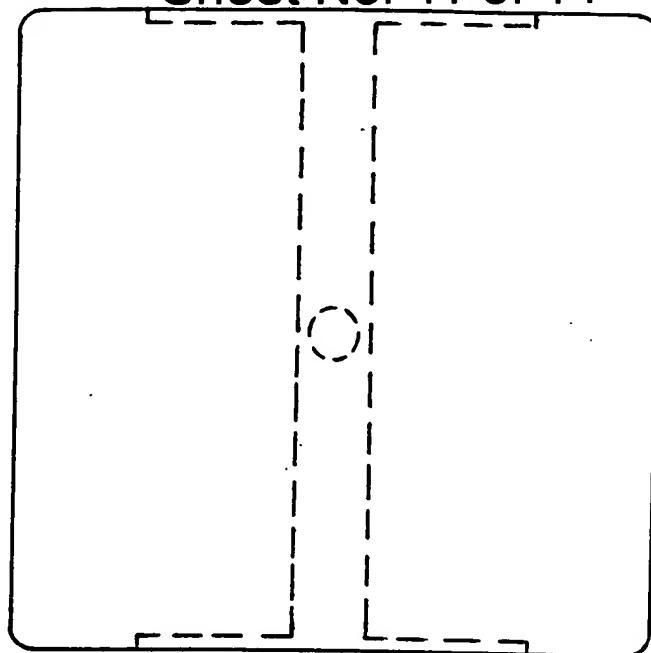
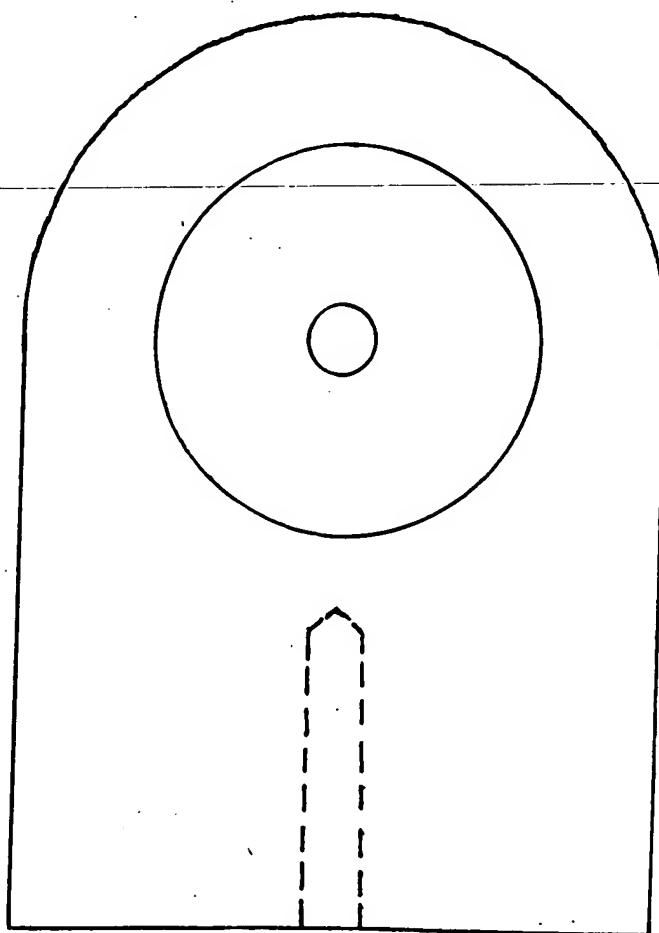


Fig.12



Detail drawing of
fram post swivel

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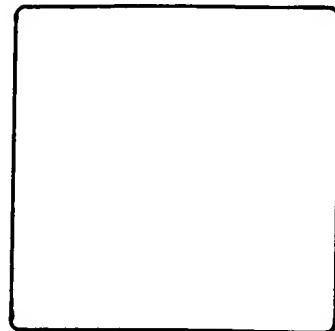
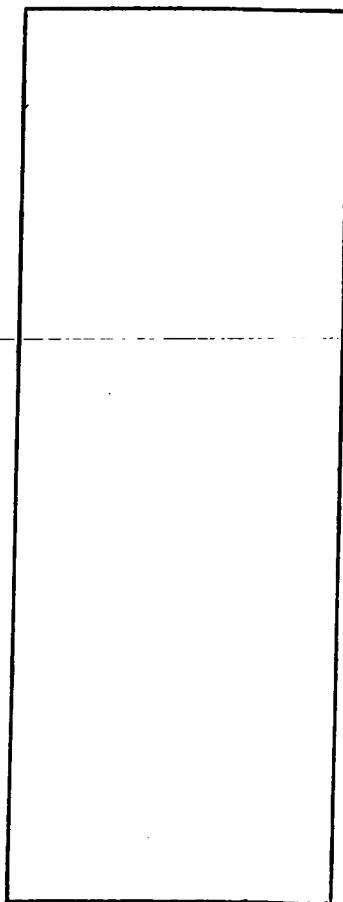


Fig.13



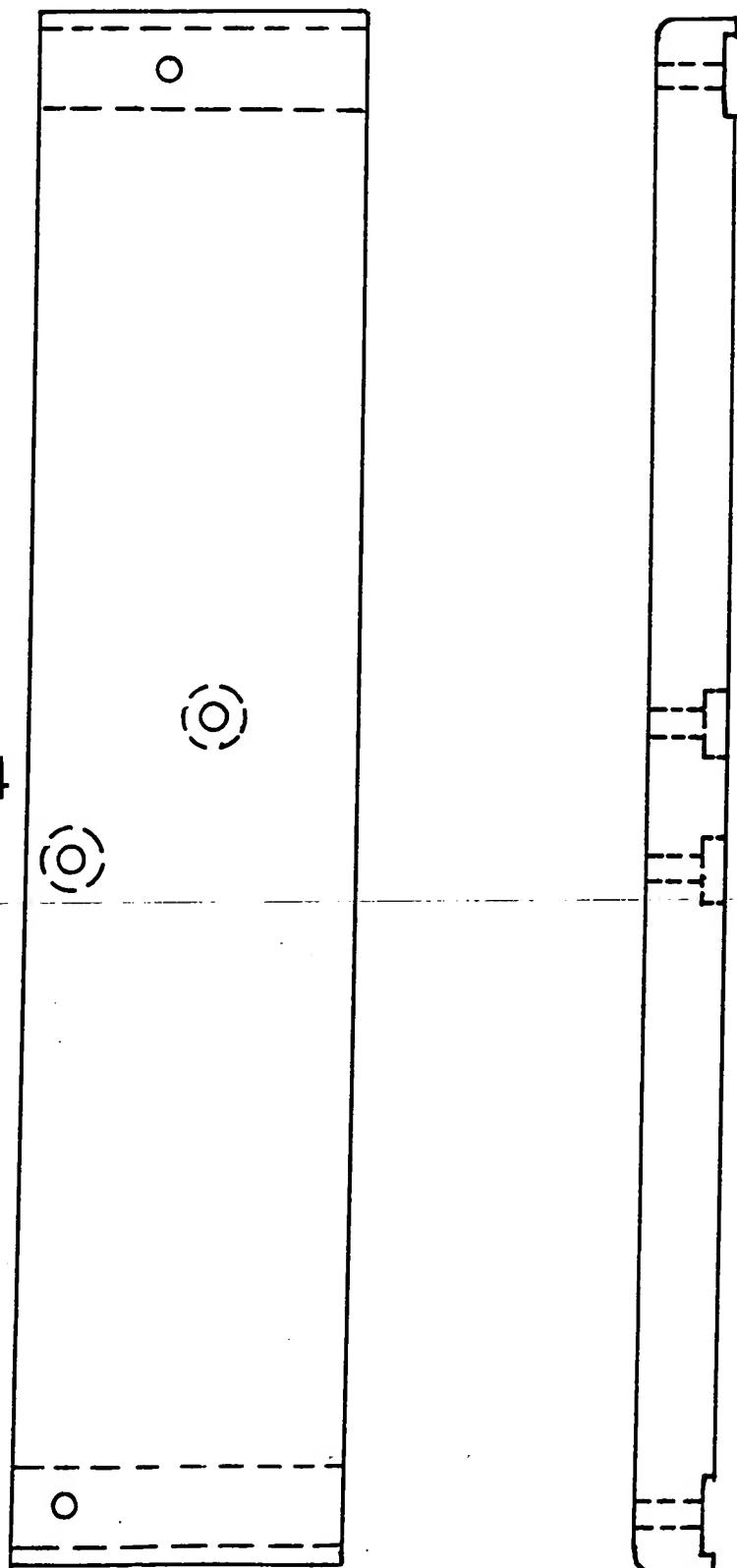
**D tall drawing
of fram post**

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Fig.14



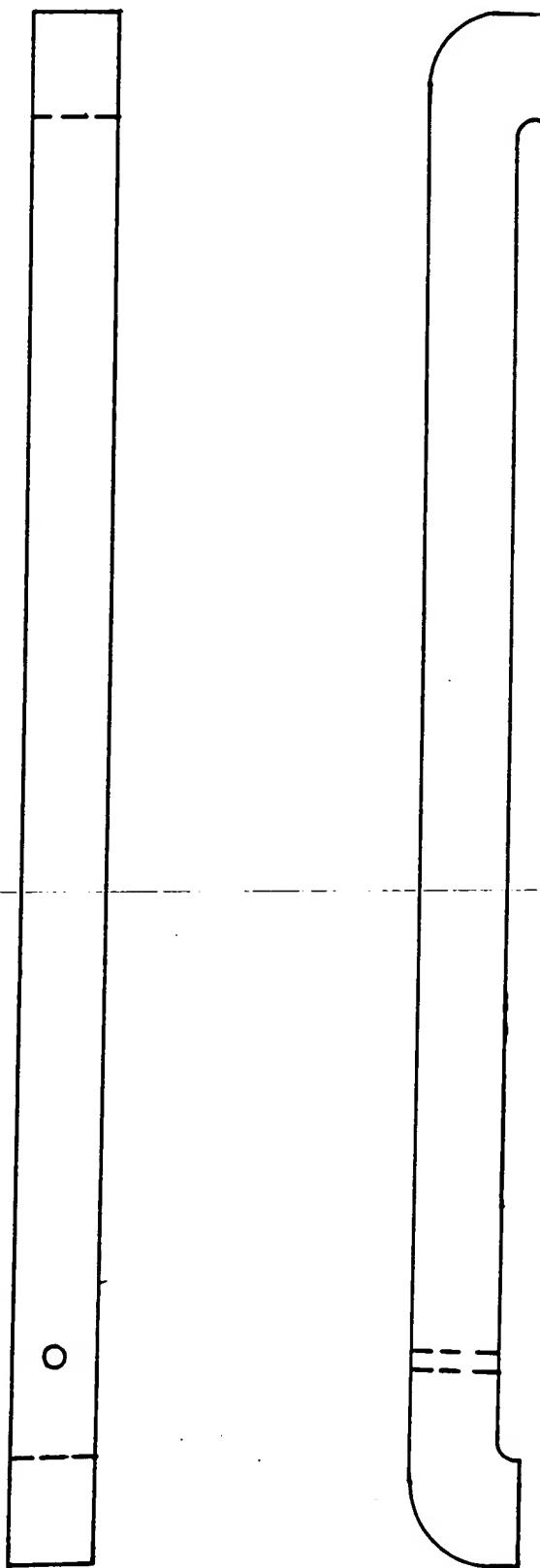
Detail drawing
of frame base

Proposed drawing
corrections

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Fig.15



D tall drawing
of fram legs